

GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.

OM protein - protein search, using sw model

Run on: May 31, 2003, 17:49:22 ; Search time 19.4593 Seconds
(without alignments)
214.708 Million cell updates/sec

Title: US-09-772-103-10

Perfect score: 742

Sequence: 1 MAVLVFLCLVAFPPSCVLSQ.....MKRGYANDYWGQGLTVTVSS 142

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents AA:*

- 1: /cgn2_6/ptodata/1/1aa/5A COMB pep:*
- 2: /cgn2_6/ptodata/1/1aa/5B COMB pep:*
- 3: /cgn2_6/ptodata/1/1aa/6A COMB pep:*
- 4: /cgn2_6/ptodata/1/1aa/6B COMB pep:*
- 5: /cgn2_6/ptodata/1/1aa/6CTUS COMB pep:*
- 6: /cgn2_6/ptodata/1/1aa/backfiles1.pcp:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	603.5	81.3	137	2	US-08-621-751A-8
2	545	73.5	140	4	US-08-943-136-4
3	545	73.5	140	4	US-08-973-518-4
4	527.5	71.1	137	2	US-08-621-751A-4
5	525	70.8	119	1	US-08-667-769A-62
6	525	70.8	119	5	PCT-US95-17082A-62
7	525	70.8	138	1	US-07-634-278-33
8	525	70.8	138	1	US-08-477-728-33
9	525	70.8	138	1	US-08-474-040-33
10	525	70.8	138	1	US-08-487-200-33
11	525	70.8	138	4	US-08-484-537-33
12	521	70.2	119	1	US-08-467-420A-62
13	521	70.2	119	1	US-08-470-110A-62
14	521	70.2	119	2	US-08-940-371-62
15	515.5	69.5	116	3	US-08-397-411-3
16	515.5	69.5	116	3	US-08-397-411-6
17	515.5	69.5	116	3	US-08-397-411-7
18	514	69.3	152	2	US-08-752-844-4
19	514	69.3	152	2	US-08-591-196-4
20	514	69.3	152	2	US-09-192-838B-4
21	514	69.3	263	2	US-08-752-844-66
22	507.5	68.4	120	2	US-08-552-558-8
23	507.5	68.4	120	4	US-09-254-189-5
24	504.5	68.0	120	2	US-08-652-558-4
25	504.5	68.0	120	2	US-08-652-558-5
26	504.5	68.0	120	2	US-09-254-189-2
27	503.5	67.9	120	2	US-08-652-558-7

28	503.5	67.9	120	4	US-09-254-189-4	Sequence 4, Appli
29	502.5	67.7	120	2	US-08-652-558-6	Sequence 6, Appli
30	502.5	67.7	120	4	US-09-254-189-3	Sequence 3, Appli
31	497.5	67.0	120	2	US-08-652-558-9	Sequence 9, Appli
32	497.5	67.0	120	4	US-09-254-189-6	Sequence 6, Appli
33	485.5	65.4	120	4	US-08-057-430A-26	Sequence 26, Appli
34	485	65.4	119	1	US-08-667-769A-15	Sequence 15, Appli
35	485	65.4	119	5	PCT-US95-17082A-15	Sequence 15, Appli
36	482.5	65.0	120	2	US-08-353-372A-36	Sequence 36, Appli
37	482	65.0	142	2	US-08-480-774A-2	Sequence 2, Appli
38	481.5	64.9	473	4	US-09-049-672A-4	Sequence 4, Appli
39	479.5	64.6	121	3	US-08-881-037-67	Sequence 67, Appli
40	476	64.2	222	2	US-08-190-199A-67	Sequence 67, Appli
41	476	64.2	235	2	US-08-190-199A-61	Sequence 61, Appli
42	472.5	63.7	242	6	5455030-15	Patent No. 5455030
43	472	63.6	119	1	US-08-467-420A-19	Sequence 19, Appli
44	472	63.6	119	1	US-08-470-110A-19	Sequence 19, Appli
45	472	63.6	119	1	US-08-667-769A-19	Sequence 19, Appli

ALIGNMENTS

RESULT 1

US-08-621-751A-8
; Sequence 8, Application US/08621751A
; Patent No. 5882644

; GENERAL INFORMATION:

; APPLICANT: Chang, Chung N.

; APPLICANT: Landolfi, Nicholas F.

; APPLICANT: Martin, Ulrich

; TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC FOR THE

; TITLE OF INVENTION: PLATELET-DERIVED GROWTH FACTOR RECEPTOR BETA RECEPTOR AND

; TITLE OF INVENTION: METHODS OF USE THEREOF

; NUMBER OF SEQUENCES: 17

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: MORRISON & FOERSTER LLP

; STREET: 755 PAGE MILL ROAD

; CITY: PALO ALTO

; STATE: CA

; COUNTRY: USA

; ZIP: 94304-1018

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/621,751A

; FILING DATE: 22-MAR-1996

; CLASSIFICATION:

; ATTORNEY/AGENT INFORMATION:

; NAME: Lehnhardt, Susan K.

; REGISTRATION NUMBER: 33,943

; REFERENCE/DOCKET NUMBER: 321152000100

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (650) 813-5600

; TELEFAX: (650) 494-0792

; TELEX: 706141 MRSN FOERS SFO

; INFORMATION FOR SEQ ID NO: 8:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 137 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; US-08-621-751A-8

Query Match

Best Local Similarity 81.3%; Score 603.5; DB 2; Length 137;

Matches 118; Conservative 5; Mismatches 14; Indels 5; Gaps 1;

QY

1 MAVLVFLCLVAFPPSCVLSQVOLQSGGLVVKPSQTLSTCTVSGFSLTSGYVWVRQPP 60

us-09-772-103-10.ra1

Sat May 31 17:43:35 2003

Db 1 MAVLALLCLVFPSCALSOVLQESGPGVLKPKSETLSLCTCTVSGFSLTNVAINVWRQPP 60
 Qy 61 GKLEWLGVIWAGTTNNYNSALMSRLTISKDTSKNQVSLKSLSVTAADTAIVYCARGPPH 120
 Db 61 GKLEWLGIIWTGGGTSYNSALKSRLTISKDTSKNQVSLKSLSVTAADTAIVYCAR --- 116
 Qy 121 AMMKRGVAMYDYGOGTLVTSS 142
 Db 117 -TGTRGVFFDIWOGTLVTSS 137

RESULT 2
 US-08-943-136-4
 ; Sequence 4, Application US/08943136
 ; Patent No. 6291208
 ; GENERAL INFORMATION:
 ; APPLICANT: Anand, Naveen N
 ; APPLICANT: Barber, Brian H
 ; APPLICANT: Cates, George A
 ; APPLICANT: Caterini, Judith E
 ; APPLICANT: Klein, Michel H
 ; TITLE OF INVENTION: CHIMERIC ANTIBODIES FOR DELIVERY OF
 ; TITLE OF INVENTION: ANTIGENS TO SELECTED CELLS OF THE IMMUNE SYSTEM
 ; NUMBER OF SEQUENCES: 20
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Sim & McBurney
 ; STREET: 6th Floor, 330 University Avenue
 ; CITY: Toronto
 ; STATE: Ontario
 ; COUNTRY: Canada
 ; ZIP: M5G 1R7
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/943,136
 ; FILING DATE: 07-JUNE-1995
 ; CLASSIFICATION: 536
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/483,576
 ; FILING DATE: 07-JUNE-1995
 ; CLASSIFICATION: 536
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Stewart, Michael I
 ; REGISTRATION NUMBER: 24,973
 ; REFERENCE/DOCKET NUMBER: 1038-733
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (416) 595-1155
 ; TELEFAX: (416) 595-1163
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 140 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-943-136-4
 Query Match 73.5%; Score 545; DB 4; Length 140;
 Best Local Similarity 76.2%; Pred. No. 8.5e-49;
 Matches 109; Conservative 12; Mismatches 18; Indels 4; Gaps 2;

Qy 1 MAVLFLCLVAFPSCLVLSQVQLQESGPGVLKPKSQTLSTCTVSGFSLTSYGYYVWRQP 59
 Db 1 MALLVFLSLAFAFPSCGVLQKESGPGVLVAPSQSLSTCTVSGFSLTSYGYYVWRQP 60
 Qy 60 PKGLEWLGVIWAGTTNNYNSALMSRLTISKDTSKNQVSLKSLSVTAADTAIVYCARGPP 119
 Db 61 PKGLEWLGVIWAGGSINYNALMSRLSISKDNFKSQVFLKMSLSLQDTDDTAIVYCARAYG 120
 Qy 120 HAMMKRGVAMYDYGOGTLVTSS 142

Db 121 DYV---HYAMDYWGQTSVTASS 140
 RESULT 3
 US-08-973-518-4
 ; Sequence 4, Application US/08973518
 ; Patent No. 6328962
 ; GENERAL INFORMATION:
 ; APPLICANT: Anand, Naveen N
 ; APPLICANT: Barber, Brian H
 ; APPLICANT: Cates, George A
 ; APPLICANT: Caterini, Judith E
 ; APPLICANT: Klein, Michel H
 ; TITLE OF INVENTION: CHIMERIC ANTIBODIES FOR DELIVERY OF
 ; TITLE OF INVENTION: ANTIGENS TO SELECTED CELLS OF THE IMMUNE SYSTEM
 ; NUMBER OF SEQUENCES: 20
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Sim & McBurney
 ; STREET: 6th Floor, 330 University Avenue
 ; CITY: Toronto
 ; STATE: Ontario
 ; COUNTRY: Canada
 ; ZIP: M5G 1R7
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/973,518
 ; FILING DATE: 07-APR-1998
 ; CLASSIFICATION: 424
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Stewart, Michael I
 ; REGISTRATION NUMBER: 24,973
 ; REFERENCE/DOCKET NUMBER: 1038-781
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (416) 595-1155
 ; TELEFAX: (416) 595-1163
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 140 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-973-518-4
 Query Match 73.5%; Score 545; DB 4; Length 140;
 Best Local Similarity 76.2%; Pred. No. 8.5e-49;
 Matches 109; Conservative 12; Mismatches 18; Indels 4; Gaps 2;

Qy 1 MAVLFLCLVAFPSCLVLSQVQLQESGPGVLKPKSQTLSTCTVSGFSLTSYGYYVWRQP 59
 Db 1 MALLVFLSLAFAFPSCGVLQKESGPGVLVAPSQSLSTCTVSGFSLTSYGYYVWRQP 60
 Qy 60 PKGLEWLGVIWAGTTNNYNSALMSRLTISKDTSKNQVSLKSLSVTAADTAIVYCARGPP 119
 Db 61 PKGLEWLGVIWAGGSINYNALMSRLSISKDNFKSQVFLKMSLSLQDTDDTAIVYCARAYG 120
 Qy 120 HAMMKRGVAMYDYGOGTLVTSS 142
 Db 121 DYV---HYAMDYWGQTSVTASS 140

RESULT 4
 US-08-621-751A-4
 ; Sequence 4, Application US/08621751A
 ; Patent No. 5882644
 ; GENERAL INFORMATION:
 ; APPLICANT: Chang, Chung N.
 ; APPLICANT: Landolfi, Nicholas F.
 ; APPLICANT: Martin, Ulrich
 ; TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC FOR THE

TITLE OF INVENTION: PLATELET-DERIVED GROWTH FACTOR RECEPTOR BETA RECEPTOR AND
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER LLP
STREET: 755 PAGE MILL ROAD
CITY: PALO ALTO
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/621,751A
FILING DATE: 22-MAR-1996
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Lehnhardt, Susan K.
REGISTRATION NUMBER: 33,943
REFERENCE/DOCKET NUMBER: 321152000100
TELEPHONE: (650) 813-5600
TELEFAX: (650) 494-0792
TELEX: 706141 MRSN FOERS SFO
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 137 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-621-751A-4

Query Match 71.1%; Score 527.5; DB 2; Length 137;
Best Local Similarity 71.1%; Pred. No. 5.2e-47;
Matches 101; Conservative 14; Mismatches 22; Indels 5; Gaps 1;
QY 1 MAVLVFLCLVAFPPSCVLSQVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVYVVRQPP 60
Db 1 MAVLALLCLVTFPSCALSQVQLKESGPGLVKPSQTLSTCTVSGFSLTVAINWVRQPP 60
QY 61 GKGLEWLVWAGTNNYNSALMSRLTISKDTSKNQVSLKLSVTAADTAVYYCARGPPH 120
Db 61 GQGLEWLVWAGTNNYNSALMSRLTISKDTSKNQVSLKLSVTAADTAVYYCAR---- 116
QY 121 AMMKRGVANDYWGQGLTVTVSS 142
Db 117 -TGTRGYFFDYWGQGLTVTVSS 137

RESULT 5
US-08-667-769A-62
; Sequence 62, Application US/08667769A
; Patent No. 5783184
; GENERAL INFORMATION:
; APPLICANT: Ames, Robert S.
; APPLICANT: Appelbaum, Edward R.
; APPLICANT: Chaiken, Irwin M.
; APPLICANT: Cook, Richard M.
; APPLICANT: Gross, Mitchell S.
; APPLICANT: Holmes, Stephen D.
; APPLICANT: McMillan, Lynette J.
; APPLICANT: Theisen, Timothy W.
; TITLE OF INVENTION: Recombinant IL5 Antagonists Useful in
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corp./Corporate
; STREET: P.O. Box 1539-UW2220
; CITY: King of Prussia
; STATE: Pennsylvania

COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/667,769A
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/17082
FILING DATE: 22-DEC-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470110
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/467420
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/363131
FILING DATE: 23-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Sutton, Jeffrey A.
REGISTRATION NUMBER: 34,028
REFERENCE/DOCKET NUMBER: P50503
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5024
TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-667-769A-62

Query Match 70.8%; Score 525; DB 1; Length 119;
Best Local Similarity 81.3%; Pred. No. 7.9e-47;
Matches 100; Conservative 11; Mismatches 8; Indels 4; Gaps 1;
QY 20 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVYVVRQPPGKGLWLVWAGTNNYN 79
Db 1 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVYVVRQPPGKGLWLVWAGTNNYN 60
QY 80 SALMSRLTISKDTSKNQVSLKLSVTAADTAVYYCARGPPHAMMKRGYAMDYWGQGLTV 139
Db 61 SALMSRLTISKDTSKNQVSLKLSVTAADTAVYYCARGPPHAMMKRGYAMDYWGQGLTV 116
QY 140 VSS 142
Db 117 VSS 119
RESULT 6
PCT-US95-17082A-62
; Sequence 62, Application PC/TUS9517082A
; GENERAL INFORMATION:
; APPLICANT: Ames, Robert S.
; APPLICANT: Appelbaum, Edward R.
; APPLICANT: Chaiken, Irwin M.
; APPLICANT: Cook, Richard M.
; APPLICANT: Gross, Mitchell S.
; APPLICANT: Holmes, Stephen D.
; APPLICANT: McMillan, Lynette J.
; APPLICANT: Theisen, Timothy W.
; TITLE OF INVENTION: Recombinant IL5 Antagonists Useful in
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corp./Corporate

STREET: P.O. Box 1539-UM2220
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/17082A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470110
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/467420
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/363131
FILING DATE: 23-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Sutton, Jeffrey A.
REGISTRATION NUMBER: 34,028
REFERENCE/DOCKET NUMBER: P50282-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5024
TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US95-17082A-62

Query Match 70.8%; Score 525; DB 5; Length 119;

Best Local Similarity 81.3%; Pred. No. 7.9e-47; Mismatches 8; Indels 4; Gaps 1;

Matches 100; Conservative 11; Mismatches 8; Indels 4; Gaps 1;

QY 20 QVLOESGELVKPSQTLCTVSGFSLTSYGVYVVRQPPGKGLWGLVWAGTTNN 79

Db 1 QVLOESGELVKPSQTLCTVSGFSLTSYGVYVVRQPPGKGLWGLVWAGTTNN 60

QY 80 SALMSRLTISKDTSKNQVSLKSSVTAADTAVYVCARGPPHAMKRGYMDYWGQGLVT 139

Db 61 SALMSRLSILKNSKNQVSLKSSVTAADTAVYVCARDPPSSLR-----LDYWGQGLVT 116

QY 140 VSS 142

Db 117 VSS 119

RESULT 7

US-07-634-278-33

Sequence 33, Application US/07634278

Patent No. 5530101

GENERAL INFORMATION:

APPLICANT: QUEEN, Cary L.

APPLICANT: CO. Man Sung

APPLICANT: SCHNEIDER, William P.

APPLICANT: LANDOLFI, Nicholas F.

APPLICANT: COELING, Kathleen L.

APPLICANT: SELICK, Harold E.

TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS

NUMBER OF SEQUENCES: 113

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend Khourie and Crew

STREET: 379 Lytton Avenue

CITY: Palo Alto

STATE: California
COUNTRY: US
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/634,278
FILING DATE: 19-DEC-1990
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 11823-002600
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 138 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-07-634-278-33

Query Match 70.8%; Score 525; DB 1; Length 138;

Best Local Similarity 70.4%; Pred. No. 9.4e-47; Mismatches 100; Conservative 21; Mismatches 17; Indels 4; Gaps 2;

QY 1 MAVLFLFCLVAFPSCVLSQVLOESGELVKPSQTLCTVSGFSLTSYGVYVVRQPP 60

Db 1 MAVLGLFCLVAFPSCVLSQVLOESGELVKPSQTLCTVSGFSLTSYGVYVVRQPP 60

QY 61 GKGLWGLVWAGTTNNYNSALMSRLTISKDTSKNQVSLKSSVTAADTAVYVCARGPPH 120

Db 61 GKGLWGLVWAGTTNNYNSALMSRLTISKDTSKNQVSLKSSVTAADTAVYVCARGPPH 120

QY 121 AMKRGYMDYWGQGLTVVSS 142

Db 121 NY--DGFA--YWGQGLTVVSSA 138

RESULT 8

US-08-477-728-33

Sequence 33, Application US/08477728

Patent No. 5585089

GENERAL INFORMATION:

APPLICANT: QUEEN, Cary L.

APPLICANT: SCHNEIDER, William P.

APPLICANT: SELICK, Harold E.

TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS

NUMBER OF SEQUENCES: 113

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, 8th Floor

CITY: Palo Alto

STATE: California

COUNTRY: US

ZIP: 94111

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

```

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,040
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/634,278
; FILING DATE: 19-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-002600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 138 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-474-040-33

Query Match      70.8%; Score 525; DB 1; Length 138;
Best Local Similarity 70.4%; Pred. No. 9.4e-47;
Matches 100; Conservative 21; Mismatches 17; Indels 4; Gaps 2;

QY   1 MAVLVFLCLVAFPCSVLSQVLQESGGLVKPQSQTLSLTCTVGFSLTSGYGVWVRQP 60
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB   1 MAVLGLLFCLVTFPFCVLSQVLKQSGPLVPQSLSITCTVSGFSVTSGVHWIRQSP 60

QY   61 GKGLEWLGIWAGTTNNYSALMSRLTISKDTKNQVSLKSSVTAADTAVYYCARGPPH 120
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB   61 GKGLEWLGIWWSGGTDYNAAFISRLTISKDNKSQVFVKNSLPQADTAIYYCARAGDY 120

QY   121 AMMKRGYANDYGOGTLTVTSS 142
    :||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB   121 NY--DGFA--YWGGTLTVTUSA 138

RESULT 10
US-08-487-200-33
; Sequence 33, Application US/08487200
; Patent No. 5693762
; GENERAL INFORMATION:
; APPLICANT: QUEEN, Cary L.
; APPLICANT: CO, Man Sung
; APPLICANT: SCHNEIDER, William P.
; APPLICANT: LANDOLET, Nicholas F.
; APPLICANT: COELINGH, Kathleen L.
; APPLICANT: SELICK, Harold E.
; TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,728
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/634,278
; FILING DATE: 19-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-002600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 138 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-477-728-33

Query Match      70.8%; Score 525; DB 1; Length 138;
Best Local Similarity 70.4%; Pred. No. 9.4e-47;
Matches 100; Conservative 21; Mismatches 17; Indels 4; Gaps 2;

QY   1 MAVLVFLCLVAFPCSVLSQVLQESGGLVKPQSQTLSLTCTVGFSLTSGYGVWVRQP 60
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB   1 MAVLGLLFCLVTFPFCVLSQVLKQSGPLVPQSLSITCTVSGFSVTSGVHWIRQSP 60

QY   61 GKGLEWLGIWAGTTNNYSALMSRLTISKDTKNQVSLKSSVTAADTAVYYCARGPPH 120
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB   61 GKGLEWLGIWWSGGTDYNAAFISRLTISKDNKSQVFVKNSLPQADTAIYYCARAGDY 120

QY   121 AMMKRGYANDYGOGTLTVTSS 142
    :||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB   121 NY--DGFA--YWGGTLTVTUSA 138

RESULT 9
US-08-474-040-33
; Sequence 33, Application US/08474040
; Patent No. 5693761
; GENERAL INFORMATION:
; APPLICANT: QUEEN, Cary L.
; APPLICANT: CO, Man Sung
; APPLICANT: SCHNEIDER, William P.
; APPLICANT: LANDOLET, Nicholas F.
; APPLICANT: COELINGH, Kathleen L.
; APPLICANT: SELICK, Harold E.
; TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

```

```

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,040
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/634,278
; FILING DATE: 19-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-002600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 138 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-474-040-33

Query Match 70.8%; Score 525; DB 1; Length 138;
Best Local Similarity 70.4%; Pred. No. 9.4e-47;
Matches 100; Conservative 21; Mismatches 17; Indels 4; Gaps 2;

QY 1 MAVLVFLCLVAFPCVLSQVQLQESGFLGPKPSQTLTLCTVSGFSLTSYGYYVWRQPP 60
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 1 MAVLGLLFLCLVTFPFCVLSQVQLKQSGFLGVPQSLSITCTVSGFSVTSYGVHWIRQSP 60
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||

QY 61 GKGLEWLGVIWAGGTTNNYSALMSRLTISKDTKNQVSLKSSVTAADTAVYYCARGPPH 120
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 61 GKGLEWLGVIWWSGGTDYNAAFISRLTISKDNKSKQVFFKVNLSQPADTAIYYCARAGDY 120
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||

QY 121 AMMKRGVANDYWGQGLTVTVSS 142
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 121 NY--DGFA--YWGQGLTVTVSA 138
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||

RESULT 10
US-08-487-200-33
; Sequence 33, Application US/08487200
; Patent No. 5693762
; GENERAL INFORMATION:
; APPLICANT: QUEEN, Cary L.
; APPLICANT: CO, Man Sung
; APPLICANT: SCHNEIDER, William P.
; APPLICANT: LANDOLET, Nicholas F.
; APPLICANT: COELINGH, Kathleen L.
; APPLICANT: SELICK, Harold E.
; TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,728
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/634,278
; FILING DATE: 19-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-002600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 138 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-477-728-33

Query Match 70.8%; Score 525; DB 1; Length 138;
Best Local Similarity 70.4%; Pred. No. 9.4e-47;
Matches 100; Conservative 21; Mismatches 17; Indels 4; Gaps 2;

QY 1 MAVLVFLCLVAFPCVLSQVQLQESGFLGPKPSQTLTLCTVSGFSLTSYGYYVWRQPP 60
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 1 MAVLGLLFLCLVTFPFCVLSQVQLKQSGFLGVPQSLSITCTVSGFSVTSYGVHWIRQSP 60
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||

QY 61 GKGLEWLGVIWAGGTTNNYSALMSRLTISKDTKNQVSLKSSVTAADTAVYYCARGPPH 120
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 61 GKGLEWLGVIWWSGGTDYNAAFISRLTISKDNKSKQVFFKVNLSQPADTAIYYCARAGDY 120
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||

QY 121 AMMKRGVANDYWGQGLTVTVSS 142
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DB 121 NY--DGFA--YWGQGLTVTVSA 138
   |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||

RESULT 9
US-08-474-040-33
; Sequence 33, Application US/08474040
; Patent No. 5693761
; GENERAL INFORMATION:
; APPLICANT: QUEEN, Cary L.
; APPLICANT: CO, Man Sung
; APPLICANT: SCHNEIDER, William P.
; APPLICANT: LANDOLET, Nicholas F.
; APPLICANT: COELINGH, Kathleen L.
; APPLICANT: SELICK, Harold E.
; TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

```

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,200
FILING DATE: 7-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 11823-002610
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 138 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-487-200-33

Query Match 70.8%; Score 525; DB 1; Length 138;
Best Local Similarity 70.4%; Pred. No. 9.4e-47;
Matches 100; Conservative 21; Mismatches 17; Indels 4; Gaps 2;
Qy 1 MAVLVFLCLVAFPPSCVLSQVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVYVWRQPP 60
Db 1 MAVLGFLCLVTFPSCVLSQVQLKQSGFGLVQPSQSLITCTVSGFSVTSYGVHWIRQSP 60
Qy 61 GKGLWGLVGVWAGTNTNNSALMSRLTISKDTSKNOVSLKSSVTAADTAVYYCARGPPH 120
Db 61 GKGLWGLVGVWGGSTDYNAAFISRLTISKDNKSQVFFKNSQLQPADTAIYYCARAGDY 120
Qy 121 AMMKRGYAMDYWGQGLTVTVSS 142
Db 121 NY--DGFA--YWGQGLTVTVSA 138

RESULT 11
US-08-484-537-33
Sequence 33, Application US/08484537
Patent No. 6180370
GENERAL INFORMATION:
APPLICANT: QUEEN, Cary L.
APPLICANT: CO, Man Sung
APPLICANT: SCHNEIDER, William P.
APPLICANT: LANDOLFI, Nicholas F.
APPLICANT: COELINGH, Kathleen L.
APPLICANT: SELICK, Harold E.
TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Khourie and Crew
STREET: 379 Lytton Avenue
CITY: Palo Alto
STATE: California
COUNTRY: US
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,537
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/634,278
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 11823-002600
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 138 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-484-537-33

Query Match 70.8%; Score 525; DB 4; Length 138;
Best Local Similarity 70.4%; Pred. No. 9.4e-47;
Matches 100; Conservative 21; Mismatches 17; Indels 4; Gaps 2;
Qy 1 MAVLVFLCLVAFPPSCVLSQVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVYVWRQPP 60
Db 1 MAVLGFLCLVTFPSCVLSQVQLKQSGFGLVQPSQSLITCTVSGFSVTSYGVHWIRQSP 60
Qy 61 GKGLWGLVGVWAGTNTNNSALMSRLTISKDTSKNOVSLKSSVTAADTAVYYCARGPPH 120
Db 61 GKGLWGLVGVWGGSTDYNAAFISRLTISKDNKSQVFFKNSQLQPADTAIYYCARAGDY 120
Qy 121 AMMKRGYAMDYWGQGLTVTVSS 142
Db 121 NY--DGFA--YWGQGLTVTVSA 138

RESULT 12
US-08-467-420A-62
Sequence 62, Application US/08467420A
Patent No. 5683892
GENERAL INFORMATION:
APPLICANT: Ames, Robert S.
APPLICANT: Appelbaum, Edward R.
APPLICANT: Chaiken, Irwin M.
APPLICANT: Cook, Richard M.
APPLICANT: Gross, Mitchell S.
APPLICANT: Holmes, Stephen D.
APPLICANT: McMillan, Lynette J.
APPLICANT: Theisen, Timothy W.
TITLE OF INVENTION: Recombinant IL5 Antagonists Useful in
TREATMENT OF IL5 Mediated Disorders
NUMBER OF SEQUENCES: 74
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corp./Corporate
ADDRESSEE: Intellectual Property
STREET: P. O. Box 1539-UW2220
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,420A
FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/363131
FILING DATE: 23-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Sutton, Jeffrey A.
REGISTRATION NUMBER: 34,028
REFERENCE/DOCKET NUMBER: P50282
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610 270-5024
TELEFAX: 610 270-5090
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-467-420A-62

Query Match 70.2%; Score 521; DB 1; Length 119;
Best Local Similarity 80.5%; Pred. No. 2e-46; Indels 4; Gaps 1;
Matches 99; Conservative 12; Mismatches 8; Indels 4; Gaps 1;

QY 20 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVYVVRQPPGKGLGWLGVWAGGTTNYN 79
DB 1 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVYVVRQPPGKGLGWLGVWAGGTTN 60

QY 80 SALMSRLTISKDTSKNQVSLKLSVTAADTAVYYCARGPPHAMKRGVAMDYWGQGLT 139
DB 61 SALMSRLSILKDNSKNQVSLRLSSVTAADTAVYFCARDPPSSLLR----LDYWGQGLT 116

QY 140 VSS 142
DB 117 VSS 119

RESULT 13
US-08-470-110A-62
Sequence 62, Application US/08470110A
Patent No. 5693323
GENERAL INFORMATION:
APPLICANT: Ames, Robert S.
APPLICANT: Appelbaum, Edward R.
APPLICANT: Chaiken, Irwin M.
APPLICANT: Cook, Richard M.
APPLICANT: Gross, Mitchell S.
APPLICANT: Holmes, Stephen D.
APPLICANT: McMillan, Lynette J.
APPLICANT: Theisen, Timothy W.
TITLE OF INVENTION: Recombinant IL5 Antagonists Useful in
TREATMENT OF ALLERGIC AND IMMUNE-MEDIATED DISORDERS
NUMBER OF SEQUENCES: 74
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corp./Corporate
ADDRESS: Intellectual Property
STREET: P. O. Box 1539-UW2220
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,110A
FILING DATE:
CLASSIFICATION: 426
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/363131
FILING DATE: 23-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Sutton, Jeffrey A.
REGISTRATION NUMBER: 34,028
REFERENCE/DOCKET NUMBER: P50282
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610 270-5024
TELEFAX: 610 270-5090
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-470-110A-62

Query Match 70.2%; Score 521; DB 1; Length 119;
Best Local Similarity 80.5%; Pred. No. 2e-46; Indels 4; Gaps 1;
Matches 99; Conservative 12; Mismatches 8; Indels 4; Gaps 1;

QY 20 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVYVVRQPPGKGLGWLGVWAGGTTNYN 79
DB 1 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVYVVRQPPGKGLGWLGVWAGGTTN 60

QY 80 SALMSRLTISKDTSKNQVSLKLSVTAADTAVYYCARGPPHAMKRGVAMDYWGQGLT 139
DB 61 SALMSRLSILKDNSKNQVSLRLSSVTAADTAVYFCARDPPSSLLR----LDYWGQGLT 116

QY 140 VSS 142
DB 117 VSS 119

RESULT 14
US-08-940-371-62
Sequence 62, Application US/08940371
Patent No. 5851525
GENERAL INFORMATION:
APPLICANT: Ames, Robert S.
APPLICANT: Appelbaum, Edward R.
APPLICANT: Chaiken, Irwin M.
APPLICANT: Cook, Richard M.
APPLICANT: Gross, Mitchell S.
APPLICANT: Holmes, Stephen D.
APPLICANT: McMillan, Lynette J.
APPLICANT: Theisen, Timothy W.
TITLE OF INVENTION: Recombinant IL5 Antagonists Useful in
TREATMENT OF ALLERGIC AND IMMUNE-MEDIATED DISORDERS
NUMBER OF SEQUENCES: 74
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corp./Corporate
ADDRESS: Intellectual Property
STREET: P. O. Box 1539-UW2220
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940,371
FILING DATE:
CLASSIFICATION: 424

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/470,110
FILING DATE:
APPLICATION NUMBER: US 08/363131
FILING DATE: 23-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Sutton, Jeffrey A.
REGISTRATION NUMBER: 34,028
REFERENCE/DOCKET NUMBER: P50282
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610 270-5024
TELEFAX: 610 270-5090
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-940-371-62

Query Match 70.2%; Score 521; DB 2; Length 119;
Best Local Similarity 80.5%; Pred. No. 2e-46;
Matches 99; Conservative 12; Mismatches 8; Indels 4; Gaps 1;
QY 20 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGYYVVRQPPGKLEWLGVIWAGGTTN 79
DB 1 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGYYVVRQPPGKLEWLGVIWAGGTTN 60
QY 80 SALMSRLTISKDTSKNQVSLKLSVTAADTAVYVCARGPPHAMMKRGYANDYWGQGLT 139
DB 61 SALMSRLTISKDTSKNQVSLKLSVTAADTAVYVCARGPPHAMMKRGYANDYWGQGLT 116
QY 140 VSS 142
DB 117 VSS 119

RESULT 15

US-08-397-411-3
Sequence 3, Application US/08397411
Patent No. 6129914
GENERAL INFORMATION:
APPLICANT: Weiner, George
APPLICANT: Gingrich, Roger
APPLICANT: Link, Brian
APPLICANT: Tso, J. Yun
TITLE OF INVENTION: Bispecific Antibody Effective to Treat
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/397,411
FILING DATE: 01-MAR-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/859,583
FILING DATE: 27-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 011823-004901

TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 116 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-397-411-3

Query Match 69.5%; Score 515.5; DB 3; Length 116;
Best Local Similarity 80.5%; Pred. No. 7.2e-46;
Matches 99; Conservative 10; Mismatches 7; Indels 7; Gaps 1;
QY 20 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGYYVVRQPPGKLEWLGVIWAGGTTN 79
DB 1 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGYYVVRQPPGKLEWLGVIWAGGTTN 60
QY 80 SALMSRLTISKDTSKNQVSLKLSVTAADTAVYVCARGPPHAMMKRGYANDYWGQGLT 139
DB 61 AAFISRLTISKDTSKNQVSLKLSVTAADTAVYVCARGPPHAMMKRGYANDYWGQGLT 113
QY 140 VSS 142
DB 114 VSS 116

Search completed: May 31, 2003, 17:59:02
Job time : 20.4593 secs